

ABSTRACT

Disclosed is an electronic device comprising an IC element 10, a first circuit layer 20 on the surface of which is formed an antenna circuit 21 composed of a conductive layer, and a second circuit layer 30 on the surface of which is formed a conductive layer 31. The IC element 10 comprises a base substrate 11 composed of silicon, a semiconductor circuit layer 12 formed on one side of the base substrate 11 in which layer a semiconductor circuit is formed, and an electrode 13 formed on the semiconductor circuit layer 12. The first circuit layer 20 is connected to either the other side of the base substrate 11 or the electrode 13, and the second circuit layer 30 is electrically connected to either that same other side of the base substrate 11 or the electrode 13 which ever is not connected to the first circuit layer 20. Consequently the electronic device can be efficiently produced at low-cost while achieving good communications properties.